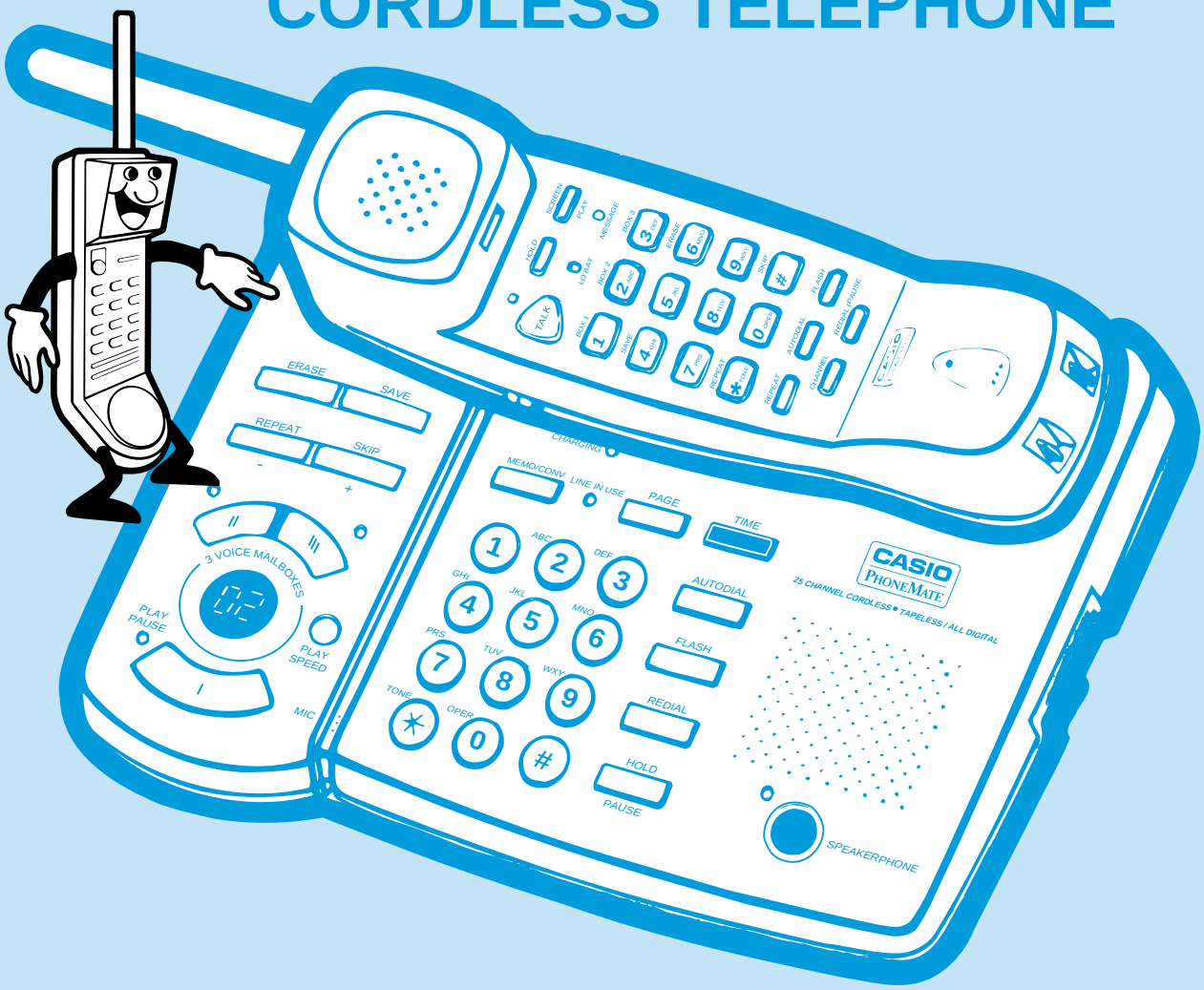
CASIO

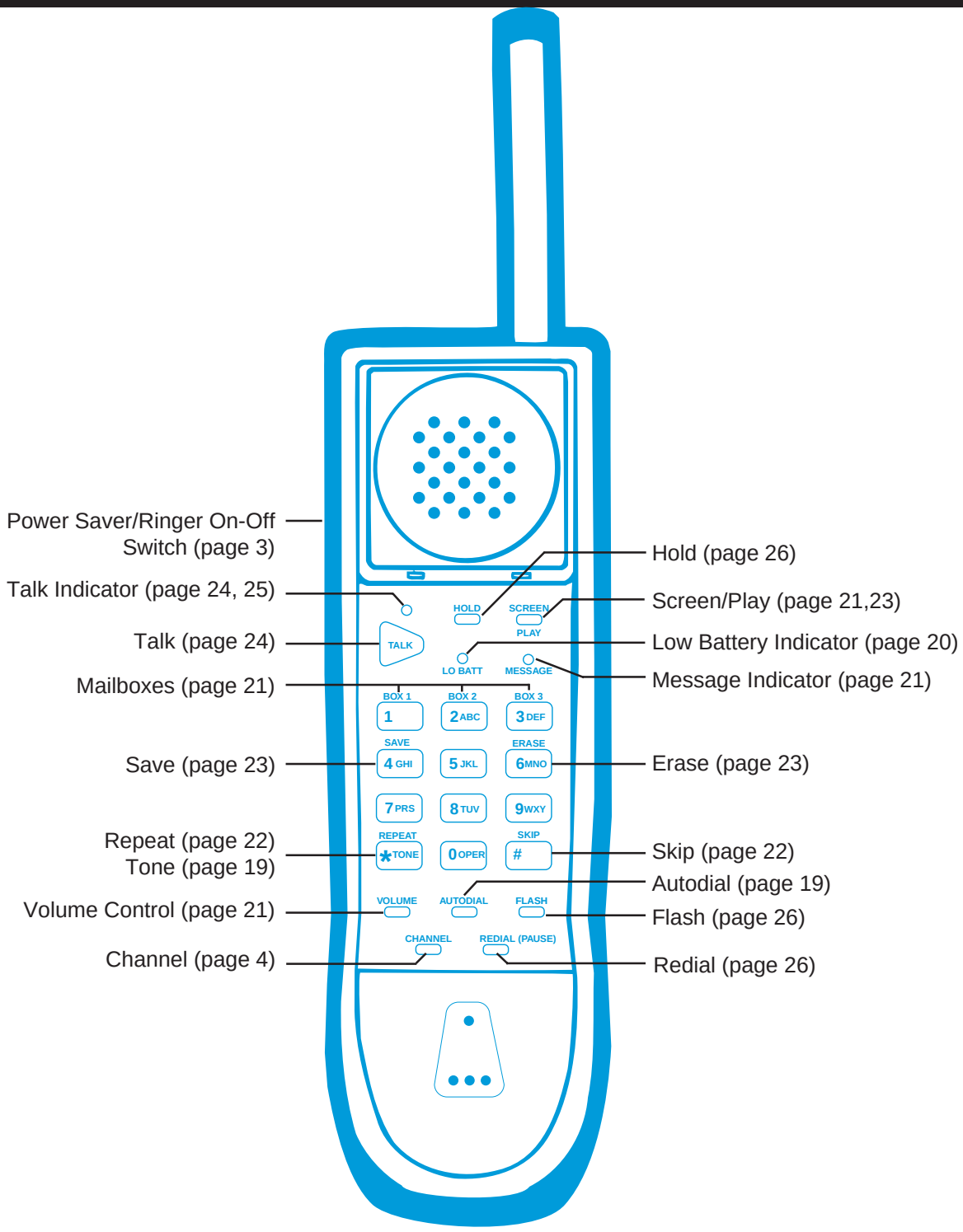
PHONEMATE®

EASY TO USE OWNER'S GUIDE

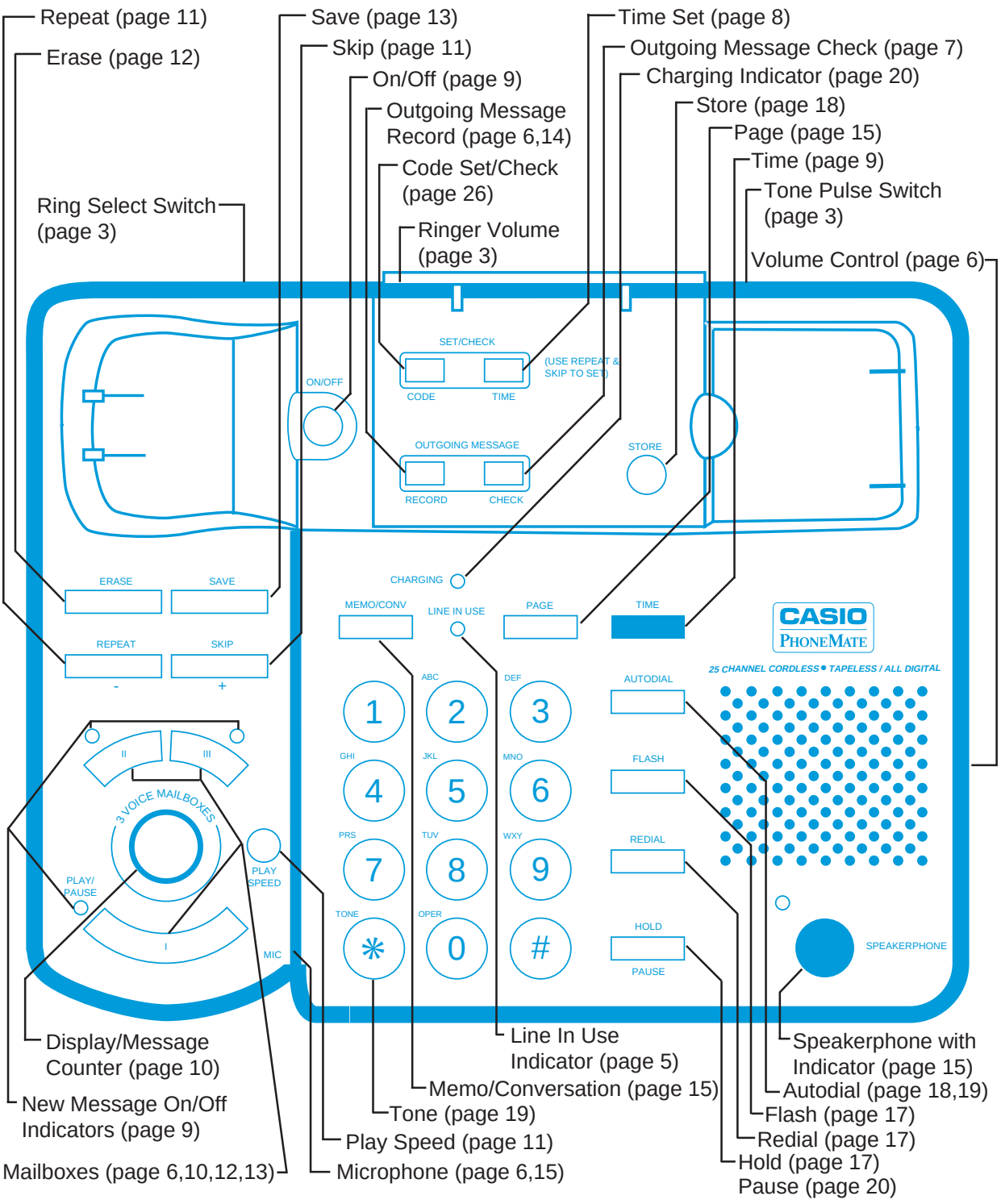
TC-540 ALL DIGITAL ANSWERING MACHINE WITH CORDLESS TELEPHONE



HANDSET FEATURES



BASE UNIT FEATURES



Technical Specifications

FCC Registration No:
Frequency Control: Crystal
Operation Mode: FM
Ringer Equivalence:
Jack: RJ11

Transmit Frequency
- Handset:
- Base Unit:

Receive Frequency
- Handset:
- Base Unit:

Power Source
- Handset: Replaceable NiCad Batteries
- Base Unit: AC9V 600mA

Battery Life
- Standby: 7 days
- Talk: 6 hours
- Recharging Time: 12-15 hours (with power off)

The TC-540 is hearing aid compatible.

Design and specifications subject to change without notice.

U.S. Pats.

4,120,583	4,686,622
4,121,284	4,825,364
4,371,923	4,829,419
4,396,976	4,896,260
4,531,182	4,942,516

CASIO PHONEMATE, INC.
20665 Manhattan Place
Torrance, CA 90501

M1S1 4/96
Printed in Malaysia

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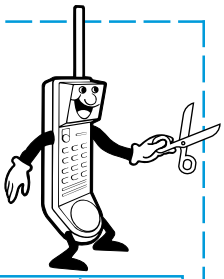
ACCESSORIES

To order accessories for your TC-540 answering machine, simply cut out this order form, fill in the appropriate information and send it with payment (check, money order or credit card information) to:

CASIO PHONEMATE Parts Department
8805 Kelso Drive
Baltimore, MD 21221
or Call: 1-800-322-9995



Description	Part No.	Price	Qty.	Total
Lightning Arrestor - Helps protect telephone answering machines from damage caused by lightning strikes to the telephone line. ***Recommended for areas prone to electrical storms.***	2700140	$19.95		
Rechargeable Battery Pack - For Model TC-540.	3201010	$15.00		
AC Adapter - For Model TC-540.	1601061	$13.50		
Touchtone Dialer - Activates the beeperless remote operation in areas where true touchtone is not available or from cellular phones.	2001018	$19.95		
Modular Duplex T-Adapter - Converts a single modular telephone jack to a double jack.	2700156	$5.95		
Modular Two Line T-Adapter - Splits one RJ14 two line jack into two RJ11 single line jacks.	2700135	$5.95		
A+A1 Light Control - When using this answering machine with a business phone system, this accessory enables the in-use indicator at a receptionist's console to light when the phone is off-hook.	2701180	$6.95		

VISA and Master Card orders ONLY call toll free 1-800-322-9995 or use this form to order. CASIO PHONEMATE, Parts Dept., 8805 Kelso Drive, Baltimore, MD 21221

Subtotal	
CA & MD residents add applicable sales tax	
All orders add shipping and handling	**$3.50**
Total	

☐ Enclosed is my check/money order for the total amount.

Please charge my credit card. ☐ **VISA** ☐ **MasterCard**

Card No. _____ Expiration Date _____

Name _____

Street Address _____

City _____ State _____ Zip Code _____

Signature _____ Telephone _____

Please fill in the quantity and total price of the items that you are requesting. Figure the total and send a check or money order for the proper amount. We do not accept C.O.D. orders. Allow 15 working days for delivery. Prices subject to change without notice. Returns subject to 20% restocking charge upon approval.

FCC REQUIREMENTS USER INSTRUCTIONS

1. This equipment complies with Part 68 of the FCC rules. On the bottom of this equipment is a label that contains, among other information, the FCC registration number and Ringer Equivalence Number (REN) for this equipment. If requested, provide this information to your telephone company.
2. The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your number is called. In most, but not all areas, the sum of the RENs of all devices should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should call your local telephone company to determine the maximum REN for your calling area.
3. If your answering machine causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice isn't practical, you will be notified as soon as possible. You will be advised of your right to file a complaint with the FCC.
4. Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper operation of your equipment. If they do, you will be given advance notice so as to give you an opportunity to maintain uninterrupted service.
5. If there is a problem with this unit, the telephone company may ask you to disconnect this equipment from the network until the problem has been corrected or you are sure that the equipment is not malfunctioning.
6. Repairs can only be made by the manufacturer or an authorized service agency. Unauthorized repairs void registration and warranty. Contact seller or manufacturer for details of permissible user-performed routine repairs, and where and how to have other than routine repairs made.
7. This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. (Contact your state public utility commission or corporation commission for information.)

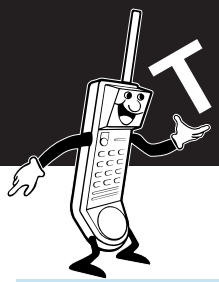
Jack: RJ11 Ringer Equivalence:
CASIO PHONEMATE, Inc. 20665 Manhattan Place, Torrance, CA 90501

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs; to minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR; and, if interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

Any changes made by the user not approved by CASIO PHONEMATE can void the user's authority to operate the equipment.



TROUBLESHOOTING

Recorded messages are cut off.

The TC-540 is designed to disconnect from the line after a caller stops talking. Calls may be cut off if a four second pause is detected, if the caller does not speak loud enough, or if the message is less than four seconds.

The TC-540 does not respond when you enter your remote access code during the outgoing message.

Try re-entering the correct code after the beep.

Between messages there is an operator recording or a beep and dial tone.

The caller has hung up without leaving a message. A shorter outgoing message will reduce the frequency of these recordings.

You have more than one telephone number and are experiencing difficulty.

See Multi-Line Installation, page 32.

There is no sound during playback.

Check and adjust the volume control.

“Lb” flashes in the display or LO BATT on the handset lights.

"Lb" or the LO BATT INDICATOR on the handset alerts you to install or replace the 9V battery used for battery backup.

The unit does not automatically stop playing the outgoing message or recording a message when an extension phone is picked up.

Briefly press and release the hook-switch on the extension phone.

After several attempts the TC-540 will not operate properly.

To reset the TC-540, unplug the AC ADAPTER PLUG from the back of the TC-540 for 10 seconds and remove the battery (if one is installed). The outgoing and incoming messages, time/day stamp and remote code will be lost. Re-record the outgoing messages, set the time and day, and the remote code.

If this action does not fix the problem, call the CASIO PHONEMATE Helpline. CASIO PHONEMATE’S helpline staff can often resolve problems or recommend repair service when needed.

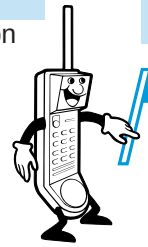
Unless you live close to a CASIO PHONEMATE Service Center, you may be required to mail a product to CASIO PHONEMATE for repair. To mail the product to the service center you should:

1. Package the unit in its original box or a comparable package.
2. Include a clear and specific explanation of the problem.
3. Include your name, address, and phone number.
4. Provide a legible photocopy of the dated store receipt for warranty purposes.

FACTORY SERVICE CENTERS

20665 Manhattan Place
Torrance, CA 90501
(310) 328-6453

8805 Kelso Drive
Baltimore, MD 21221
(410) 391-0974



EXTRA HELP

Should you have additional questions, please call CASIO PHONEMATE's Help Line at (310) 320-9810 (West Coast) or (410) 686-2885 (East Coast) for assistance.

LIMITED WARRANTY

IMPORTANT!
SALES SLIP OR EVIDENCE OF PURCHASE DATE REQUIRED

This limited warranty gives you specific legal rights; you may also have other rights which vary from state to state.

The limited warranty is extended only to the original consumer of a CASIO PHONEMATE product and is valid only with respect to consumers within the United States of America and Canada. Subject to the following conditions, should this product prove defective by reason of improper workmanship of material:

During the period of one (1) year from the date of original purchase, CASIO PHONEMATE will repair or, at its option, replace the product without charge for parts or labor. If CASIO PHONEMATE elects to replace the product, such replacement may be accomplished with a factory-reconditioned unit.

This limited warranty does not apply: (a) to any product damaged by accident, misuse, improper line voltage, lightning, fire, water, or other acts of nature, (b) if the product is altered or repaired by anyone other than CASIO PHONEMATE, INC. or one of its authorized warranty stations or if the FCC-approved connector plugs are removed. This limited warranty does not cover tapes or broken or marred cabinets.

Except to the extent prohibited by applicable law, all implied warranties made by CASIO PHONEMATE in connection with this product are limited in duration to a period of one (1) year from the date of original purchase, and no warranties, whether expressed or implied, shall apply to this product after said period.

Should this product prove defective in workmanship or material, the consumer's sole remedies shall be such repair or replacement as is herein-above provided. Under no circumstances shall CASIO PHONEMATE be liable for any loss or damage, direct, consequential, or incidental arising out of the use of or inability to use this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you.

In order to obtain warranty service, you must provide evidence of purchase date. For your convenience, keep the dealer's dated bill of sale or delivery ticket as evidence of the purchase date.

To obtain the name of the authorized CASIO PHONEMATE service facility,
call CASIO PHONEMATE 's HelpLine at
(410) 686-2885 or (310) 320-9810.

If you live in an area that is highly susceptible to electrical storms, you may want to purchase a Lightning Arrestor. The Lightning Arrestor attaches to your answering machine and if lightning causes a surge through your phone line, the arrestor will help suppress the surge of electricity which may cause damage to your unit.

To purchase your Lightning Arrestor, use the attached Accessory Order Form or call CASIO PHONEMATE 's Parts Department toll free: 1-800-322-9995.

FACTORY SERVICE CENTERS

20665 Manhattan Place
Torrance, CA 90501
(310) 328-6453

8805 Kelso Drive
Baltimore, MD 21221
(410) 391-0974

CLEANING & BATTERY INSTALLATION

CLEANING THE TC-540

CAUTION: Disconnect the TC-540 from the power outlet before cleaning.

Clean the battery charging contacts on the base unit and the handset with a soft cloth once a month. Clean the antenna, and the plastic cabinet of the base unit and the handset, with a soft cloth only. Do not use excess water or cleaning liquid of any kind.

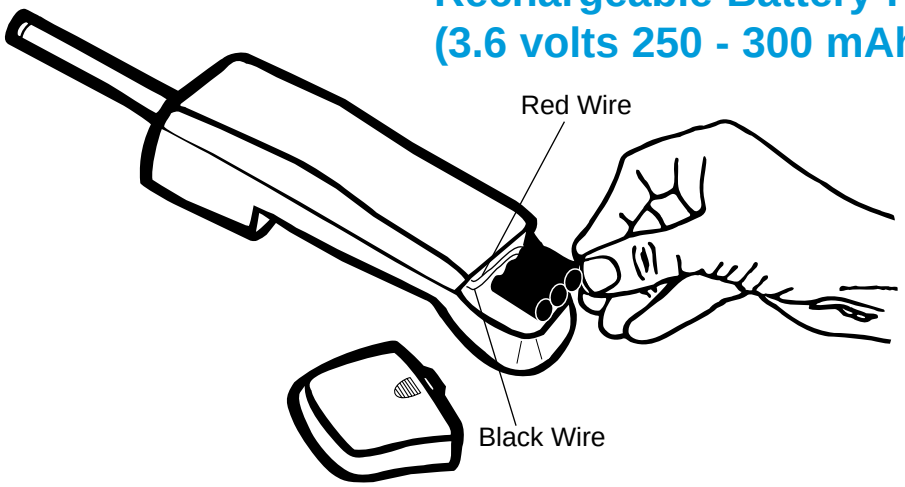
BATTERY INSTALLATION

THIS UNIT IS SHIPPED WITH THE HANDSET BATTERY PACK INSTALLED.

If it becomes necessary to replace the battery pack:

1. Press down on the battery compartment cover and slide it toward the bottom of the handset.
2. Install the new battery pack with the red wire on the right side of the black wire (see drawing.)
3. Replace the battery cover by sliding it up from the bottom.
4. Place the handset in the base unit and charge the battery pack for 12-15 hours.

WARNING: Use only NiCad Rechargeable Battery Pack (3.6 volts 250 - 300 mAh.)



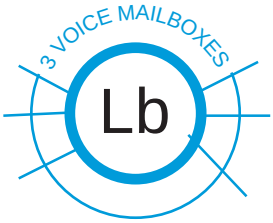
POWER FAILURE & TWO LINE INSTALLATION

BATTERY BACKUP

Install one 9 volt (9V) battery to protect your outgoing and incoming messages and any programmed information (i.e. time/day stamp) during a power failure. (The 9V battery is not included.)

LOW BATTERY INDICATOR ON THE BASE UNIT

If there is a power failure, the battery saves your outgoing messages, incoming messages, and time/day setting until the battery is depleted. If the battery power is low, “Lb” will flash in the display.



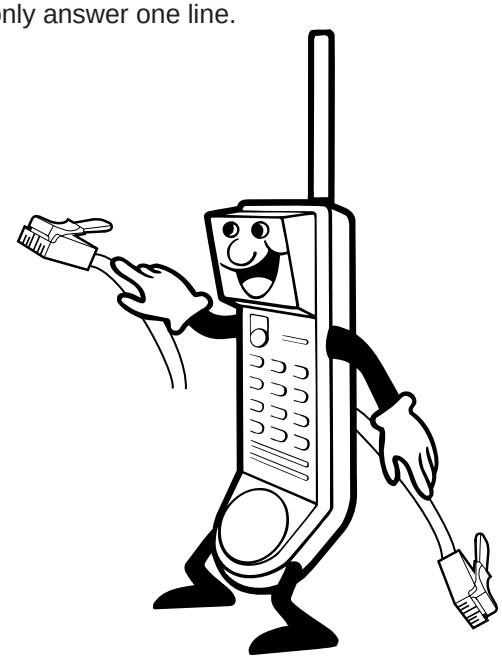
INSTALLING A 9V BATTERY

To protect your messages and programmed information during a power failure or to replace the battery when “Lb” appears in the display:

1. Turn the TC-540 over and remove the battery cover.
2. Install a 9V alkaline battery. Make sure the battery is connected correctly.
3. Replace the cover. The battery connection will not be activated until the cover is replaced.

TWO-LINE INSTALLATION

Two-line installations may require a two-line T-Adapter for your machine to operate correctly. The T-Adapter allows you to connect your machine to Line 1 or Line 2. The TC-540 will only answer one line.



MULTI-LINE INSTALLATION

Installations with more than two lines, such as a business phone system, may require a separate RJ11 jack for answering machines. Please contact your telephone equipment provider for additional information.

You can use the TC-540 as an extension phone on a business phone system, but some systems will require that you install an A+A1 Adapter to light the in-use indicator on the receptionist’s console. See the accessory order form on the last page of this owner’s guide to order an A+A1 Adapter.

RECORD A NEW OUTGOING MESSAGE

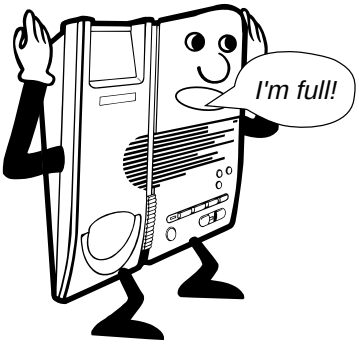
Change your outgoing message from a remote location.

1 Enter ***5*** on the touchtone keypad to record your new outgoing message for the selected mailbox. You will hear:

2 Press ***5*** when finished.

3 The new outgoing message plays. You will hear the remote menu again. Select another option or hang up.

MESSAGE RETRIEVAL WHEN MEMORY IS FULL



If the TC-540's memory is full, you will hear three short beeps after your outgoing message. To retrieve messages remotely when the TC-540's memory is full:

1 **ENTER** your **3-digit remote access code** within 2 seconds after the outgoing message begins or during the three beeps.

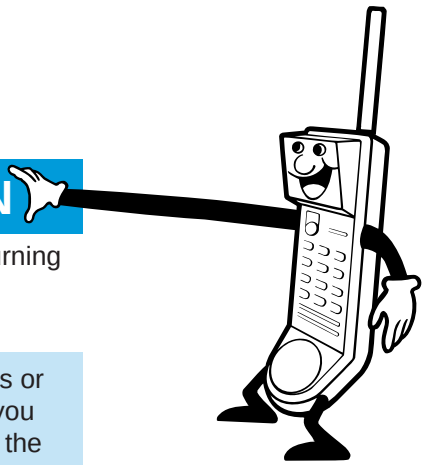
2 Follow the instructions on page 28 for remote message retrieval.

3 After listening to messages, press ***3*** on the keypad to erase them.

REMOTE TURN ON

If you leave your home or office without turning on your TC-540, you can do so from any telephone.

1 Call and let your phone ring 15 times or more. The TC-540 will turn on and you will hear the outgoing message and the beep.

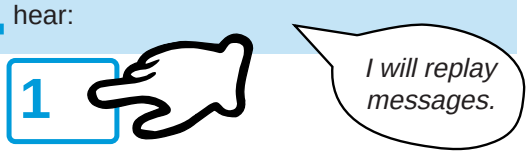


REMOTE OPERATION

REPLAY MESSAGES

Replay all messages for the selected mailbox from a remote location.

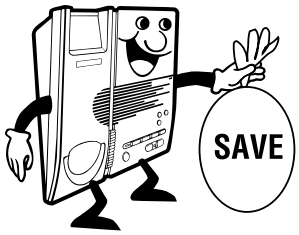
1. Press ***1*** on a touchtone keypad. You will hear:



2. All messages in the selected mailbox will play.

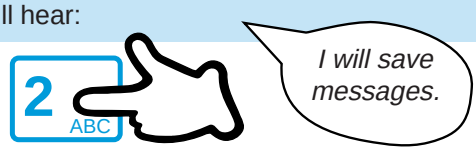
3. You may select another option or hang up and the TC-540 will automatically save messages.

SAVE ALL MESSAGES



If you do not erase messages in the selected mailbox, the TC-540 will automatically save them when you hang up.

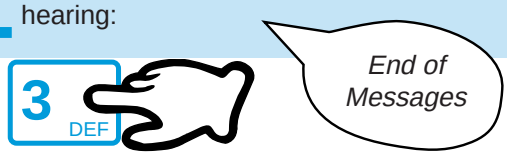
1. Press ***2*** on a touchtone keypad within 7 seconds after the voice menu ends. You will hear:



2. Select another option or hang up.

ERASE ALL MESSAGES

1. Press ***3*** on a touchtone keypad after hearing:



2. You will hear:

3. If you change your mind and want to save messages in the selected mailbox, press ***2*** on the keypad.

4. Select another option or hang up.

RECORD A MESSAGE

Record a message for a household member from a remote location.

1. Enter ***4*** on the touchtone keypad to record a new message for the selected mailbox.

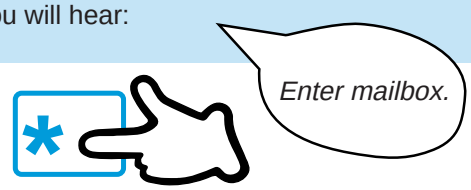
2. After the tone, begin speaking. Press ***4*** when you finish speaking.

(continued)

TO SELECT ANOTHER MAILBOX

To select another mailbox during the remote menu:

1 Press ✱ on a touchtone keypad. You will hear:



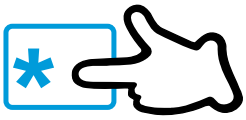
2 Enter ***1***, ***2***, or ***3***. You will hear:

3 The TC-540 will play messages for the selected mailbox.

NOTE: The ✱ key followed by a mailbox number (1, 2, or 3) is used to select a mailbox either before remote message retrieval or during the voice menu. Press the ✱ key during remote message playback to repeat a message. See page 29.

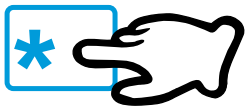
REPEAT MESSAGES

1 Press ✱ once to repeat the current message.



SKIP BACKWARDS

1 Press ✱ twice to skip backward to previous messages.



NOTE: The ✱ key followed by a mailbox number (1, 2, or 3) is used to select a mailbox either before remote message retrieval or during the voice menu. Press the ✱ key during remote message playback to repeat a message.

SKIP FORWARD

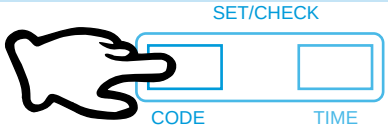
You can skip forward through messages.

1 Press # once to skip forward to the next message.

REMOTE OPERATION

TO CHECK THE REMOTE ACCESS CODE

1 Press ***SET/CHECK CODE*** once.



2 A synthesized voice will announce the remote access code.

4-7-6

REMOTE MESSAGE RETRIEVAL

Call the answering machine from most cellular, pay, or touchtone telephones. After entering the remote code, the TC-540 will automatically access messages in MAILBOX 1 unless another mailbox is selected. To select another mailbox, press ✱ and a mailbox number (2 or 3).

1 ***ENTER*** your 3-digit access code approximately two seconds after the outgoing message begins. NOTE: If the TC-540 does not respond when you enter your code, try again after the beep.

2 Depending on the number of messages, you will hear:

You have four messages in MAILBOX 1.

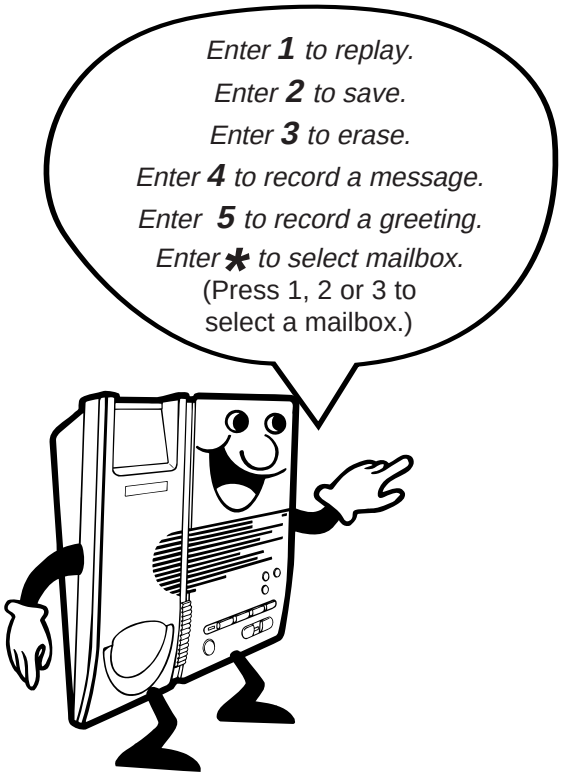
You have no messages in MAILBOX 1.

3 Your messages will be played.

4 After all messages have played you will hear, "End of messages." Select another option or hang up. NOTE: Hang up anytime to cancel Message Playback. The TC-540 will automatically save all messages, unless you choose to erase them.

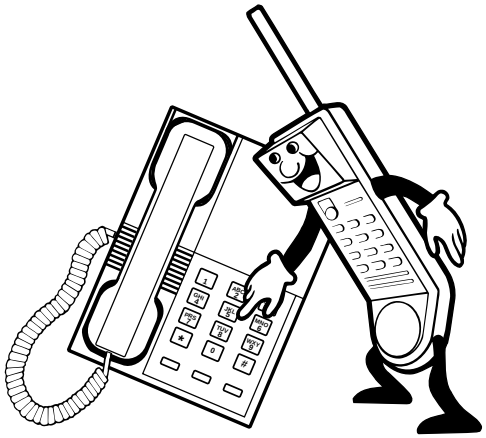
REMOTE VOICE MENU

After message playback, the TC-540 lists the remote menu. You can select a remote option for the selected mailbox or hang up to save messages.


Enter 1 to replay.
Enter 2 to save.
Enter 3 to erase.
Enter 4 to record a message.
Enter 5 to record a greeting.
Enter ✱ to select mailbox.
(Press 1, 2 or 3 to select a mailbox.)

REMOTE OPERATION

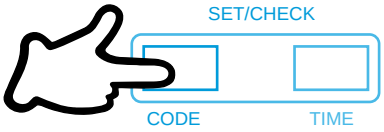
You can use Remote Operation from most touchtone or cellular phones to retrieve, replay, erase and save messages or to record new outgoing messages in each of the three mailboxes.
If you call from a rotary or pulse telephone, use Casio Phonemate's Touchtone Dialer. Use the accessory order form on page 37 to order one.



TO PROGRAM YOUR REMOTE ACCESS CODE

The remote code is the same for all three mailboxes. The TC-540 is shipped with the code set to 1-2-3. Make sure the unit is turned on.

1 Lift the lid under the handset and press ***SET/CHECK CODE***. The current 3-digit access code will be announced.



1-2-3 Press code set.

2 Press ***SET/CHECK CODE*** again. The first digit appears in the display. You will hear:

Set code 1.

3 Press ***SKIP*** to advance or ***REPEAT*** to reverse the number. Press ***SET/CHECK CODE*** again when the desired first digit appears in the display. You will hear:

Set code 2.

4 Press ***SKIP*** or ***REPEAT*** to change the second digit.

5 Press ***SET/CHECK CODE*** again. You will hear:

Set code 3.

6 Press ***SKIP*** or ***REPEAT*** to change the third digit.

7 Press ***SET/CHECK CODE*** again. A synthesized voice will announce the remote access code.

4-7-6

HANDSET
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TELEPHONE OPERATION

PLACE A CALL ON HOLD

1 Press ***HOLD***. "hd" appears in the display.
NOTE: If a call has been on hold for 5 minutes, it will automatically be disconnected.

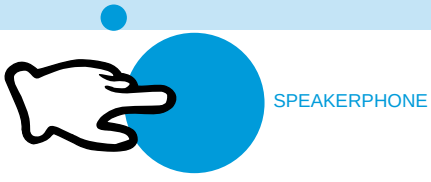
TO TAKE A CALL OFF HOLD

There are 4 ways to take a call off ***HOLD***.

1 Press ***HOLD*** again.

OR

1 Press ***SPEAKERPHONE***.



OR

1 Press ***TALK*** on the handset.

OR

1 Pick up any extension phone that is connected to the same line.

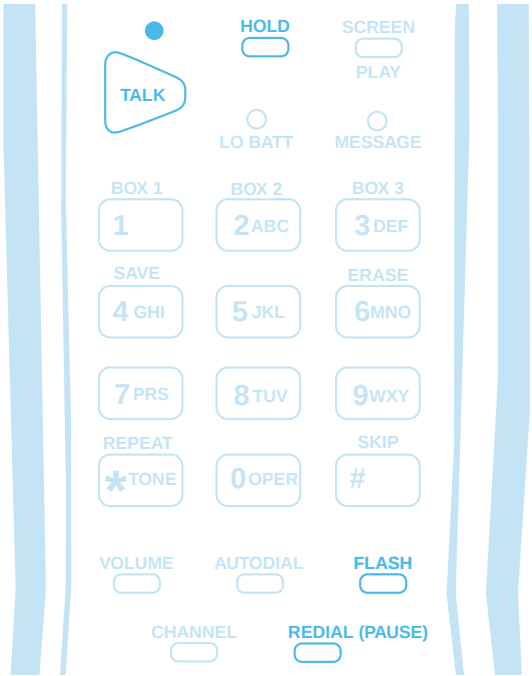
LAST NUMBER REDIAL

The TC-540 remembers the last number you dialed.

1 Pick up the handset and press ***REDIAL (PAUSE)***. The TC-540 will automatically redial the number.

FLASH

If you subscribe to a call waiting service and you receive another call while using the phone, press ***FLASH*** to answer the second call. Press ***FLASH*** again to return to the first call. Flash may also be used on a business phone system (CENTREX, PBX) for transferring calls.



TO PLACE A CALL

1 Pick up the handset and press ***TALK***.

2 Wait for dial tone and dial the phone number. NOTE: The ***CHARGING*** and ***LINE IN-USE INDICATORS*** on the base light to show the handset is in use.

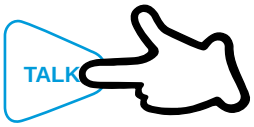
3 To hang up, press ***TALK*** or return the handset to the base unit. NOTE: When you return the handset to the base unit, you are hanging up the phone (Standby Mode.) The TC-540 is now ready to receive a call and the Charging Indicator lights to show the battery is charging.

IF YOU DIALED A WRONG NUMBER

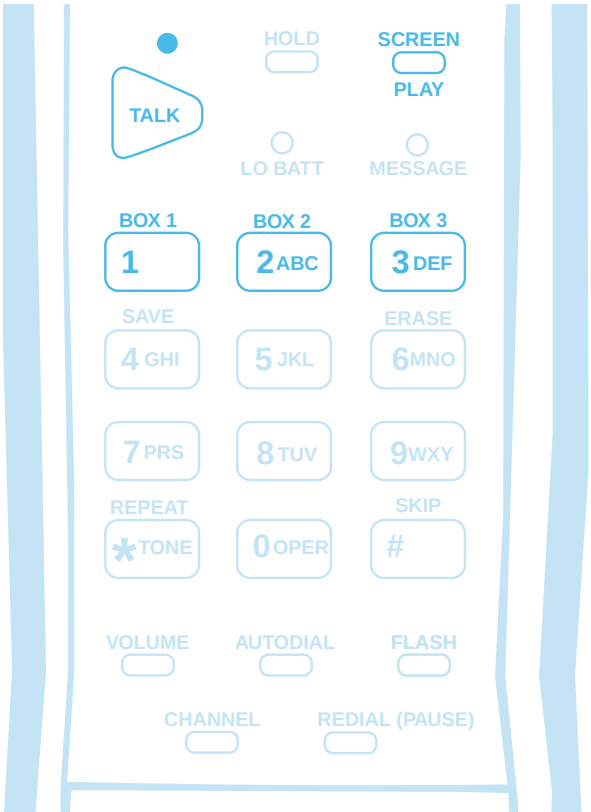
1 Press ***TALK*** twice ("off" and "on.") Wait for dial tone and dial the correct number.

TO RECEIVE A CALL

1 When the phone rings, pick up the cordless handset and press ***TALK*** or press ***SPEAKERPHONE***. Speak to the caller.



2 To hang up, press ***TALK*** on the handset or return the handset to the base unit.

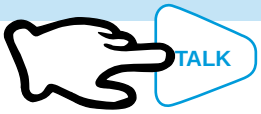


TELEPHONE OPERATION

ANSWER A CALL DURING PLAYBACK

If a call comes in while you are playing your messages through the handset, the answering machine will not answer the call, but your phone will ring.

1 Press ***TALK*** to answer the incoming call.



2 To hang up and continue listening to your messages, press ***TALK***.

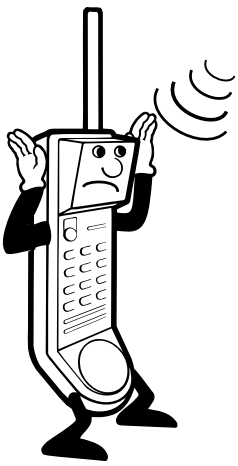
3 Press ***PLAY.***

4 Press a ***MAILBOX BUTTON***. You will hear a confirmation tone and

5 After listening to messages, press ***PLAY*** once or wait 7 seconds to exit the retrieval mode.

6 Repeat steps 3 - 5 to listen to messages in other mailboxes.

ALARM



The TC-540 cordless handset operates like any other telephone handset. You can use it in the yard, at the pool, at the mailbox, or any place within the operating range of the base unit. If you move out of the base unit's operating range, you will hear a warning tone. Move closer to the base unit to deactivate the alarm. If you remain out of range for too long, the TC-540 will disconnect from the line. If the handset loses its security code you will also hear an alarm tone. To reset this security code place the handset in the base unit for a few seconds. Pick up the handset and try your call again.

Interference from other appliances may also cause the alarm to sound. To prevent interference, move the base unit to another location and fully extend the base unit antenna.

STANDBY MODE

When the handset is in the TALK mode and is returned to the base unit, it will automatically return to the "Standby" mode and disconnect the call. It is not necessary to press ***TALK*** to disconnect the call. In the "Standby Mode" the ***INDICATORS*** will not be lit.

(continued)

REPLAY ALL MESSAGES

1 Press ***REPEAT*** after the last message is played.

SAVE MESSAGES

Messages will be saved within 7 seconds after you hear the last message. The TC-540 will automatically reset to answer new calls, after saving messages.

1 Press ***SAVE*** (***4*** on the handset keypad.)

ERASE

Messages may be erased within 7 seconds after hearing the last message.

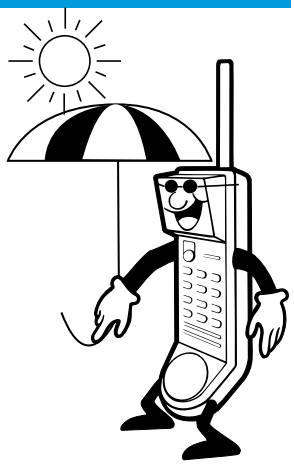
1 Press ***ERASE*** (***6*** on the handest keypad.)

AUTOMATIC SAVE

If you do not press ***SAVE*** or ***ERASE*** while listening to messages or after hearing, “End of Messages”, the TC-540 will automatically save all messages.

CALL SCREENING

When the phone rings, the TC-540 will answer the call. You may use the handset to screen your phone calls.



1 Be sure a ***MESSAGE INDICATOR*** on the base unit is on.

2 Press ***SCREEN/PLAY*** to listen from the cordless handset. You will hear the TC-540 play your outgoing message and your caller leave a message.

3 To speak to the caller, press ***TALK***. The unit will stop recording. NOTE: DO NOT press ON/OFF on the base unit as you may disconnect your caller.

4 To hang up, press ***TALK*** or return the handset to the base unit.

HANDSET
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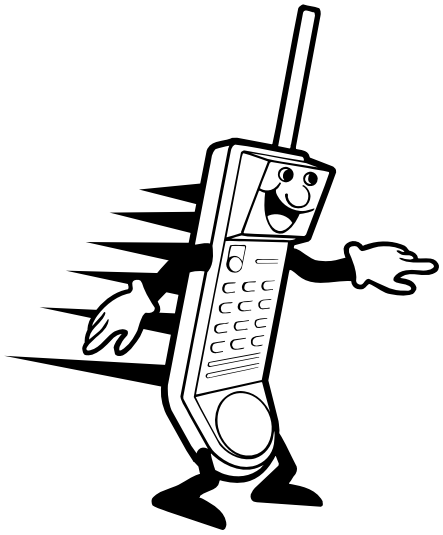
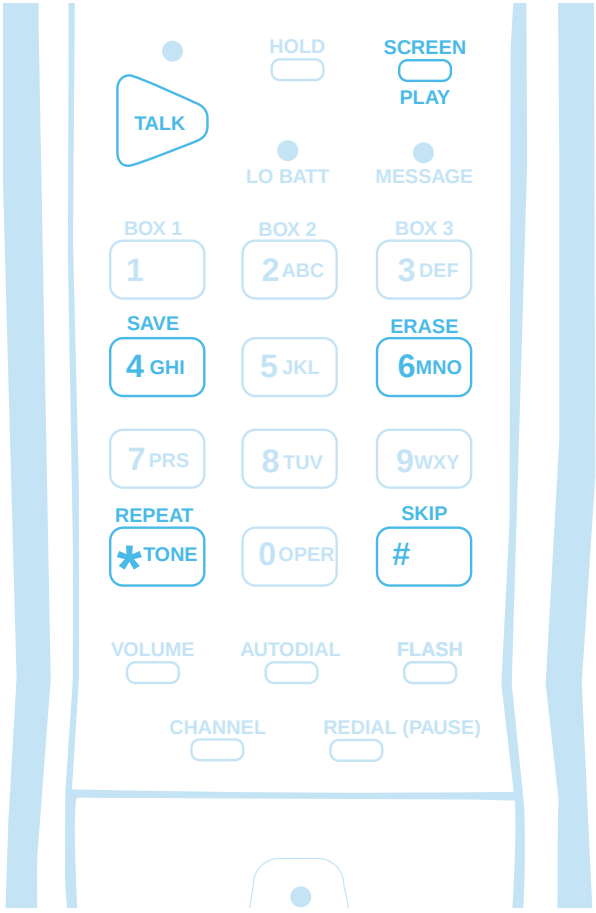
22

PLAYING MESSAGES

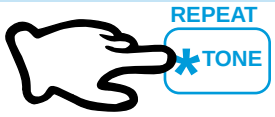




REPEAT

You can repeat the current message. The message number will appear in the display.

1 Press ***REPEAT*** ✱ once to repeat the current message.



SKIP BACKWARD

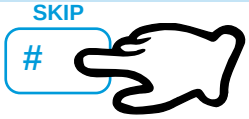
Skip backward message by message. The message number will be announced.

1 Press ***REPEAT*** ✱ twice to skip backward to previous messages. Press ***REPEAT*** each time you want to skip backward through a message.

SKIP FORWARD

You can skip forward through messages. The message number will be announced.

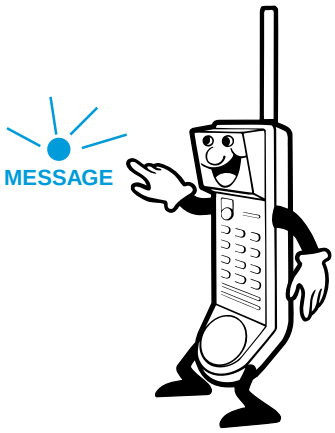
1 Press ***SKIP #*** once to skip forward to the next message.



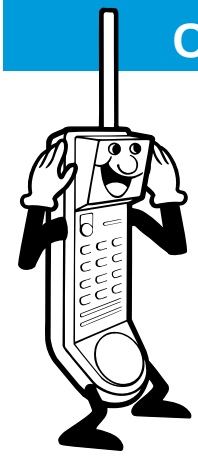
PLAYING MESSAGES

HANDSET MESSAGE WAITING INDICATOR

In the “Standby Mode,” if you have messages, the ***MESSAGE INDICATOR*** flashes for 7 seconds after the handset is used. (In the “Standby Mode” the TALK INDICATOR is not lit.)



HANDSET VOLUME CONTROL



Press ***VOLUME*** to change the volume level of the handset during a conversation. Press ***VOLUME*** up to four times to increase the sound level. Press ***VOLUME*** a fifth time and the sound level returns to normal. The volume control automatically returns to the lowest level after each phone call.

RETRIEVE MESSAGES FROM HANDSET

You can play messages through the handset. Make sure the handset is in the Standby mode and the base unit is “on.”

1 Press ***SCREEN/PLAY***.

2 Press a ***MAILBOX BUTTON*** (***1***, ***2***, or ***3***.) You will hear a confirmation tone and

Hello, you have one message in mailbox 1.

3 After listening to the messages, press ***PLAY*** once or wait 7 seconds to exit the retrieval mode.

4 Repeat steps 1 - 3 to listen to messages in other mailboxes. The TC-540 play your messages along with the time/day stamp.
NOTE: If you hang up during handset message retrieval, all messages will be saved.

Hi,this is Bob...

Wednesday, 4:37 p.m.

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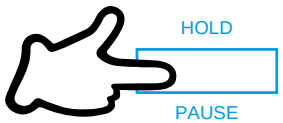
PROGRAMMABLE PAUSE & BATTERIES

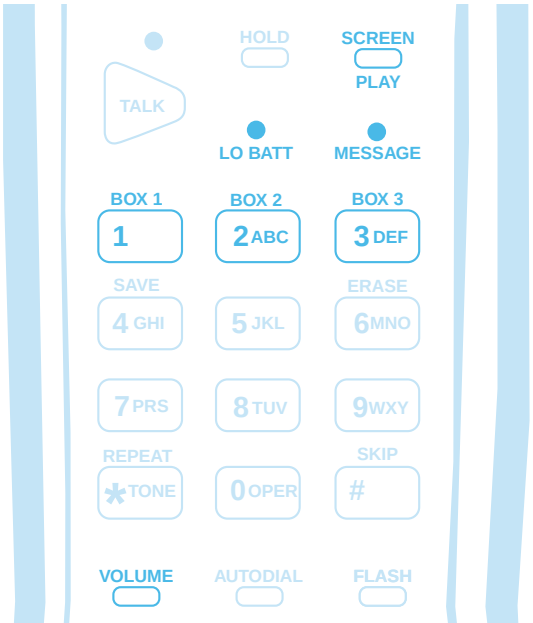
PROGRAMMABLE PAUSE

Pause is convenient for use on a business telephone system (i.e.: PBX) when an 8 or 9 must be dialed to reach an outside phone line. This feature can also be used for a long distance service (i.e.: MCI) where you have to wait for a second dial tone before you continue dialing.

1 Follow instructions on page 18 for storing autodial numbers.

2 Press ***HOLD/PAUSE*** on the base unit when a pause is required. Each pause is 2 seconds in length and counts as one digit in the autodial memory.
Example: 9 PAUSE 1 2 1 3 5 5 5 1 2 1 2





CHARGING THE BATTERIES

Charge the cordless handset batteries for 12-15 hours before using the handset for the first time. The handset is always charging while it is in the base unit and cannot be overcharged.

1 Check the AC Adapter to see that it is connected correctly.

2 Place the handset in the base unit. The ***CHARGING INDICATOR*** on the base unit lights to indicate the TC-540 is charging.

HANDSET LOW BATTERY INDICATOR

When the battery pack needs recharging, the ***LOW BATTERY INDICATOR*** (LO BATT) on the handset will flash. You may also notice a reduction in the quality of your cordless handset communications. Return the cordless handset to the base unit when the LO BATT indicator is flashing.

NOTE: The batteries can be recharged many times, but if you get a low battery indication even after 12-15 hours of charging, you should replace the battery pack.

BATTERIES - The TC-540 is shipped with the handset battery pack installed. If it becomes necessary to remove or replace the batteries see page 32.

USING AUTODIAL FROM THE HANDSET

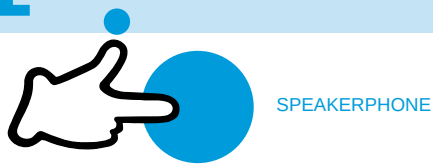
1 Press ***TALK***.

2 Press ***AUTODIAL***.

3 Press an autodial station number you wish to dial (0-9 on the keypad).

USING AUTODIAL FROM THE BASE UNIT

1 Press ***SPEAKERPHONE.***



2 Press ***AUTODIAL***.

3 Press the autodial station number you wish to dial (0-9 on the keypad). The TC-540 will dial your number automatically.

TONE/PULSE MIXED DIALING

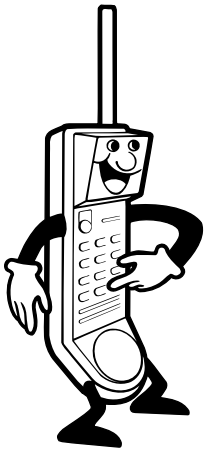
The TC-540 should be set to ***PULSE*** (see page 3.) If you live in a pulse or rotary dialing area, you can use TONE to access a long distance service (i.e. Sprint or MCI), bank by phone, or any other service that requires touchtone dialing. Press ***TONE*** ✱ to temporarily change from pulse to tone mode after the line is connected.

1 Dial your local telephone number and wait for the line to connect. (You dialed your call in pulse mode.)

2 Press ✱ on the handset or base keypad.

3 Dial the tone numbers. This could be a special service or access number.

4 Hang up and the TC-540 automatically returns to the pulse mode.

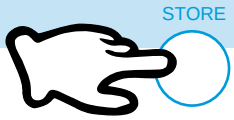


AUTODIAL

STORING AUTODIAL NUMBERS

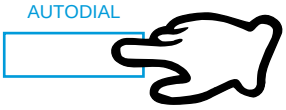
You may store up to 10 of your most frequently dialed numbers in autodial memory. Autodial station numbers can be up to 16 digits each. To store autodial numbers, the AC ADAPTER must be connected correctly. Numbers may only be stored at the base unit.

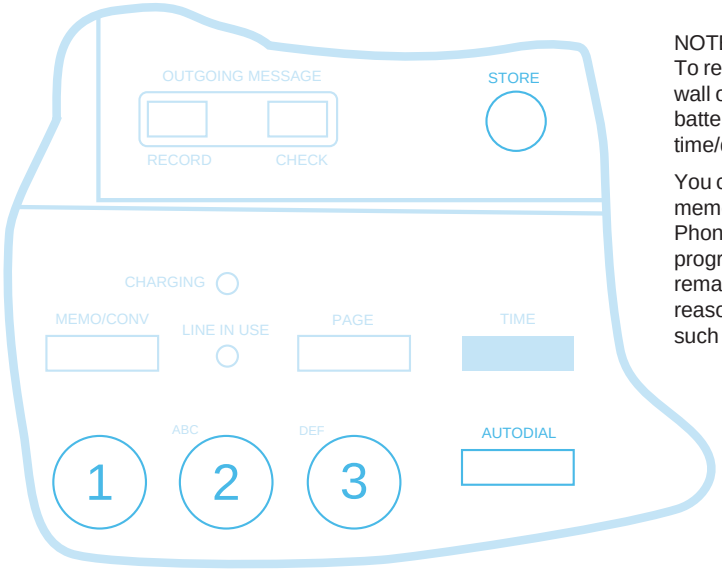
1 Press ***STORE*** (under the lid in the handset cradle).



2 Enter one of the telephone numbers you want to store in the autodial memory by dialing it on the keypad. You will hear a confirmation tone after entering each digit.

3 Press ***AUTODIAL***.





4 Press a keypad number (0-9) as the autodial location for that number.

5 Press ***STORE***.

6 Repeat steps 1-5 to store up to 10 autodial numbers.

7 To exit the programming mode any time during programming, press ***STORE*** or wait 10 seconds. You will hear a double beep when the TC-540 exits the programming mode.

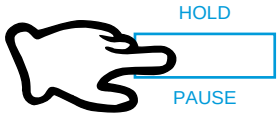
8 Write the names and telephone numbers of the people whose numbers you have stored on the TC-540's autodial index (located in the handset cradle.)

NOTES:
To relocate your TC-540, unplug the AC ADAPTER from the wall outlet and install the unit at a new location. If a 9 volt battery is installed, the autodial memory, message count, and time/day stamp will be saved for 1 hour during a power failure.

You can store important emergency numbers in autodial memory (police, fire, medical 911 for example) but Casio Phonemate assumes no responsibility for this feature. When programming and/or making test calls to emergency numbers, remain on the line and briefly explain to the dispatcher the reason for the call. Perform such activities in off peak hours, such as early morning or late evenings.

PLACE A CALL ON HOLD

1 Press ***HOLD***. "hd" appears in the display. NOTE: If a call has been on hold for 5 minutes, it will automatically be disconnected.



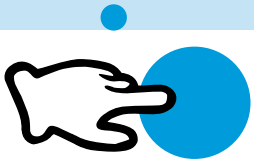
TO TAKE A CALL OFF HOLD

There are 4 ways to take a call off ***HOLD***.

1 Press ***HOLD*** again.

OR

1 Press ***SPEAKERPHONE***.



OR

1 Press ***TALK*** on the handset.

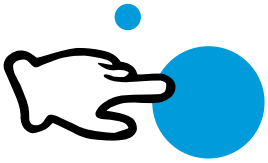
OR

1 Pick up any extension phone that is connected to the same line.

LAST NUMBER REDIAL

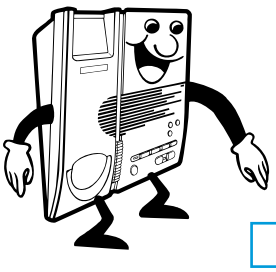
The TC-540 remembers the last number you dialed.

1 Press ***SPEAKERPHONE***.



2 Press ***REDIAL***. The TC-540 will automatically redial the number using the speakerphone.

FLASH



If you subscribe to a call waiting service and you receive another call while using the phone, press ***FLASH*** to answer the second call. Press ***FLASH*** again to return to the first call. Flash may also be used on a business phone system (CENTREX, PBX) for transferring calls.

BASE
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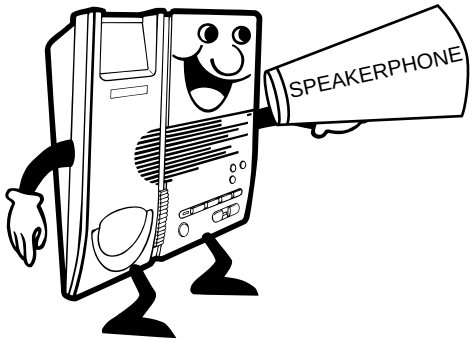
PAGING & SPEAKERPHO

PAGING THE HANDSET FROM THE BASE UNIT

To page the handset from the base unit, the handset must be in the “Standby” mode (the ***TALK INDICATOR*** is not lit.)

1 Press ***PAGE*** on the base unit. You will hear the handset ring, if the ringer switch is ON.



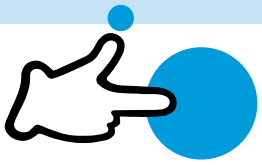
MAXIMIZING THE BENEFITS OF THE SPEAKERPHONE

- One person at a time should speak while using the speakerphone.
- Reduce or eliminate background noise such as radio or television.
- Do not use an extension phone and speakerphone at the same time.

SPEAKERPHONE

The speakerphone allows you to place calls and conduct conversations without using the handset.

1 Press ***SPEAKERPHONE***.

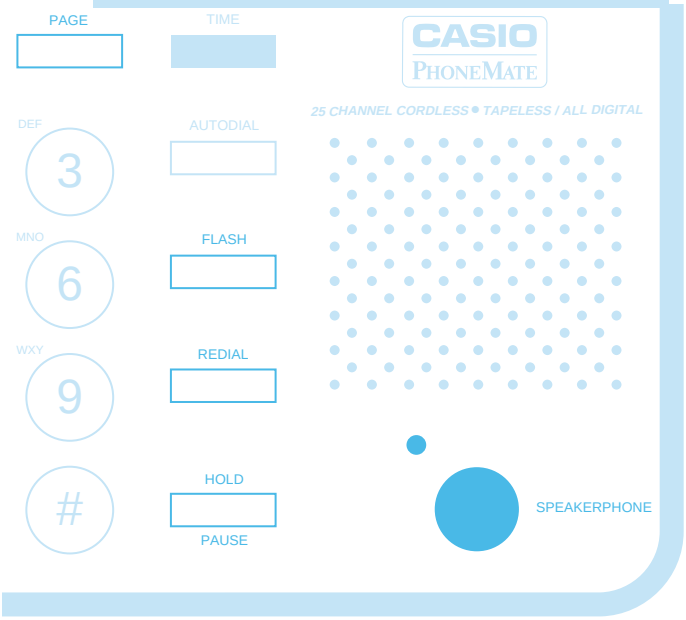


2 Adjust the ***VOLUME CONTROL*** (located on the right side.) NOTE: The volume over the phone line is automatically adjusted.

3 Enter the telephone number on the keypad if you are placing a call.

4 Speak into the microphone. You will hear the outside party through the speaker.

5 Press ***SPEAKERPHONE*** again to hang up.

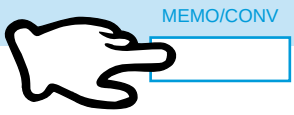


MEMO/CONVERSATION RECORD

TO RECORD A MEMO

You can record a memo for another household member or as a reminder for yourself. A memo can be recorded up to 5 minutes in length and played at the machine or in remote operation. The memo will be stamped with the time and day it was recorded.

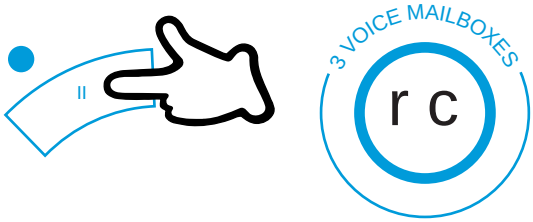
1 Press ***MEMO/CONV***.



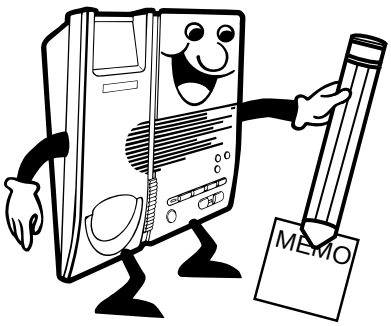
2 The ***NEW MESSAGE INDICATORS*** will flash and you will hear:

Please select mailbox.

3 Press a ***MAILBOX BUTTON***. You will hear a beep. “rc” appears in the display.



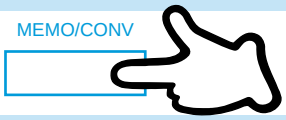
4 Press ***MEMO/CONV*** or the button of the activated ***MAILBOX*** to end the recording.



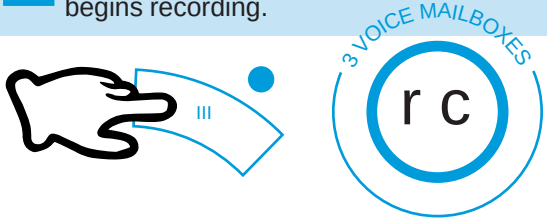
TO RECORD A CONVERSATION

The TC-540 allows you to record important telephone conversations while using the speakerphone. The conversation will be stamped with the time and day. A conversation cannot be recorded from an extension phone.

1 Press ***MEMO/CONV*** any time during a phone conversation. The ***NEW MESSAGE INDICATORS*** will flash.



2 Press a ***MAILBOX BUTTON***. When “rc” appears in the display, the TC-540 begins recording.



3 Press ***MEMO/CONV***, ***SPEAKER-PHONE*** or hang up to end the recording.

NOTE: In certain states it is unlawful and may lead to criminal penalties to record any telephone conversation without prior consent of all parties.

PLAY, SAVE, & ERASE MEMOS OR CONVERSATIONS

Recorded memos and conversations are played along with the incoming messages in the order in which they were recorded. See PLAY MESSAGES page 10, SAVE MESSAGES page 13, or ERASE MESSAGES page 12.

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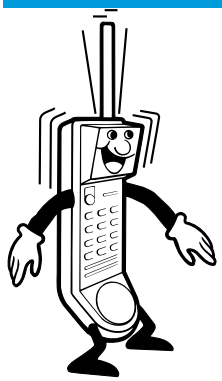
DISTINCTIVE RING & CONFIDENTIAL PERSONAL MESSAGE

DISTINCTIVE RING



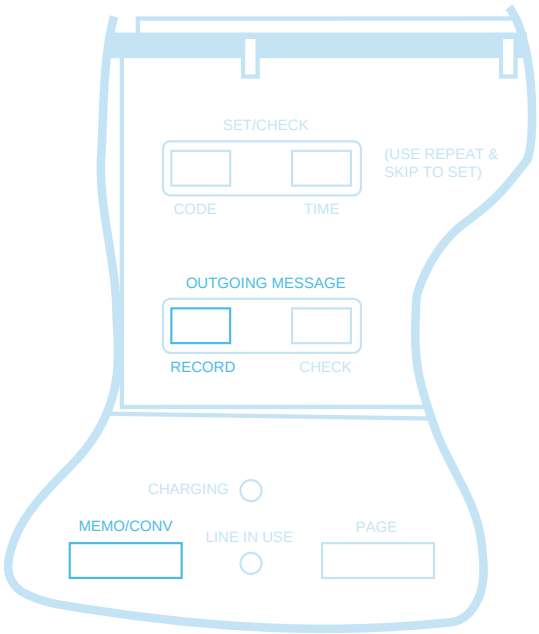
If you subscribe to a distinctive ring service from your local telephone company, the TC-540 automatically routes calls to specific mailboxes. The TC-540 answers calls using distinctive ring as follows:

Normal ring = Outgoing message for MAILBOX 1

Double ring = Outgoing message for MAILBOX 2

Triple ring = Outgoing message for MAILBOX 3

To leave messages in other mailboxes callers may press ✱ and ***Mailbox 1***, ***2***, or ***3*** during or after the outgoing message.



CONFIDENTIAL PERSONAL MESSAGE

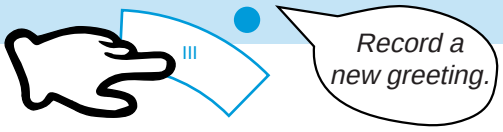
The outgoing message in Mailbox 2 or 3 can be used as a confidential personal message (CPM). Record a CPM in Mailbox 2 or 3 and allow only specific friends, family members, or business associates to access the message by giving them the code. Instruct special callers to enter 2 or 3 to hear the CPM. The outgoing message for Mailbox 2 or 3 will play. All other callers will hear the outgoing message for Mailbox 1 only. To prevent unauthorized callers from accessing the CPM, do not announce the confidential personal memo codes (✱2 or ✱3) in outgoing message 1.

TO RECORD A CONFIDENTIAL PERSONAL MESSAGE

1 Be sure the digital display is lit or flashing. Set the ***VOLUME CONTROL*** at the midpoint.

2 Press ***OUTGOING MESSAGE RECORD***. The ***NEW MESSAGE INDICATORS*** will flash. You will hear:

3 Press ***MAILBOX 2*** or ***3***. You will hear:

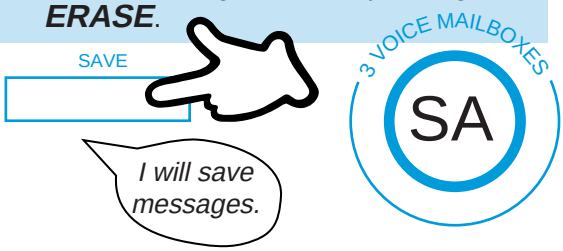


4 Press ***OUTGOING MESSAGE RECORD*** after you finish speaking. The TC-540 will play your confidential personal message.

(CONTINUED)

SAVE ALL MESSAGES

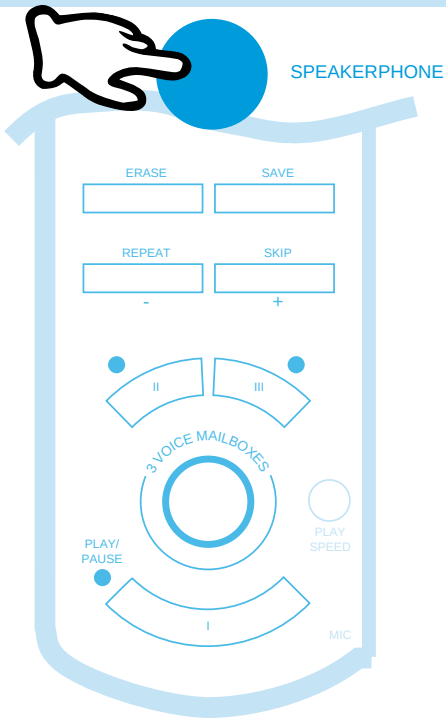
1 If you wish to save ALL messages, press ***SAVE*** within 7 seconds after hearing "End of messages" or after pressing ***ERASE***.



ANSWERING A CALL DURING PLAYBACK

If you receive an incoming call during message playback:

1 Press ***SPEAKERPHONE*** or pickup the handset and speak with the caller. All messages will be saved.



MESSAGE FORWARDING BETWEEN MAILBOXES

Messages may be sorted or forwarded from one mailbox to another. For example, while a message plays in Mailbox 1, press Mailbox 2. The message will be sent to Mailbox 2. You may designate a specific mailbox for long term storage and forward important messages to that mailbox.

1 While a message plays in one mailbox, press another ***MAILBOX*** button. The message will be sent to that mailbox.

2 "FO" will appear in the display to confirm the message has been forwarded. NOTE: The message will be erased from the original mailbox unless ***SAVE*** is pressed at the end of messages.

3 Message playback continues with the next message in the original mailbox.

4 If you wish to forward the same message to a second mailbox, press ***REPEAT*** until the desired message plays. Press another ***MAILBOX*** button to forward the message.

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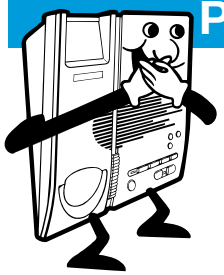
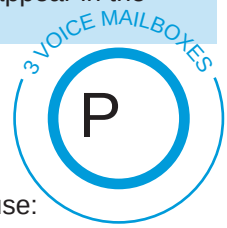
PLAYING MESSAGES

PAUSE MESSAGE PLAYBACK



You can temporarily pause message playback up to 5 minutes. The TC-540 will not answer calls in the pause mode.

1 Press the button of the activated ***MAILBOX***. A "P" will appear in the display.



You have 3 options during pause:

2 Press the button of the activated ***MAILBOX*** again to resume listening to messages.

OR

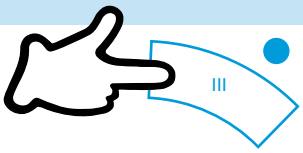
2 Leave the TC-540 in pause mode. It will automatically reset to answer calls after 5 minutes. All messages will be saved.

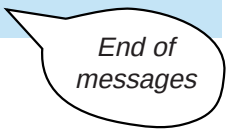
OR

2 Press ***ON/OFF*** twice to end pause. All messages will be saved.

REPLAY ALL MESSAGES

1 Press ***MAILBOX 1***, ***2*** or ***3*** after hearing:



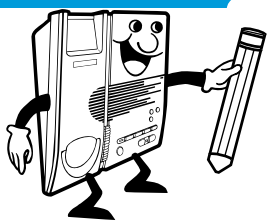


AUTOMATIC SAVE

If you do not press ***SAVE*** or ***ERASE*** while listening to messages or after playing them, the TC-540 will automatically save all messages. You will hear "End of Messages" and the display will show the total message count for all mailboxes.

ERASE INDIVIDUAL MESSAGES

You can erase specific messages while saving others.

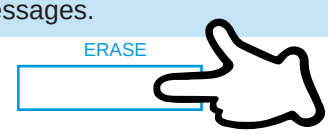


1 Press ***ERASE*** while listening to a specific message.

2 If you change your mind and decide to save the message, press ***SAVE***. On the display, "Er" will change to "SA."

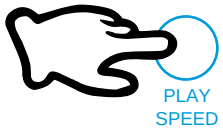
ERASE ALL MESSAGES

1 Press ***ERASE*** within 7 seconds after hearing "End of messages" to erase all messages.



VARIABLE SPEED PLAYBACK™

Variable Speed Playback allows you to scan your messages 30% faster or 30% slower. You can switch between slow, fast or normal speed during message playback.



Slow Playback: Press ***PLAY SPEED*** once. The TC-540 will play your messages 30% slower than normal.

Fast Playback: Press ***PLAY SPEED*** again (twice.) The TC-540 will play your messages 30% faster than normal.

Normal Playback: Press ***PLAY SPEED*** a third time, to return to normal playback.

REPEAT

You can repeat the current message. The message number will appear in the display.

1 Press ***REPEAT*** once to repeat the current message.

SKIP BACKWARD

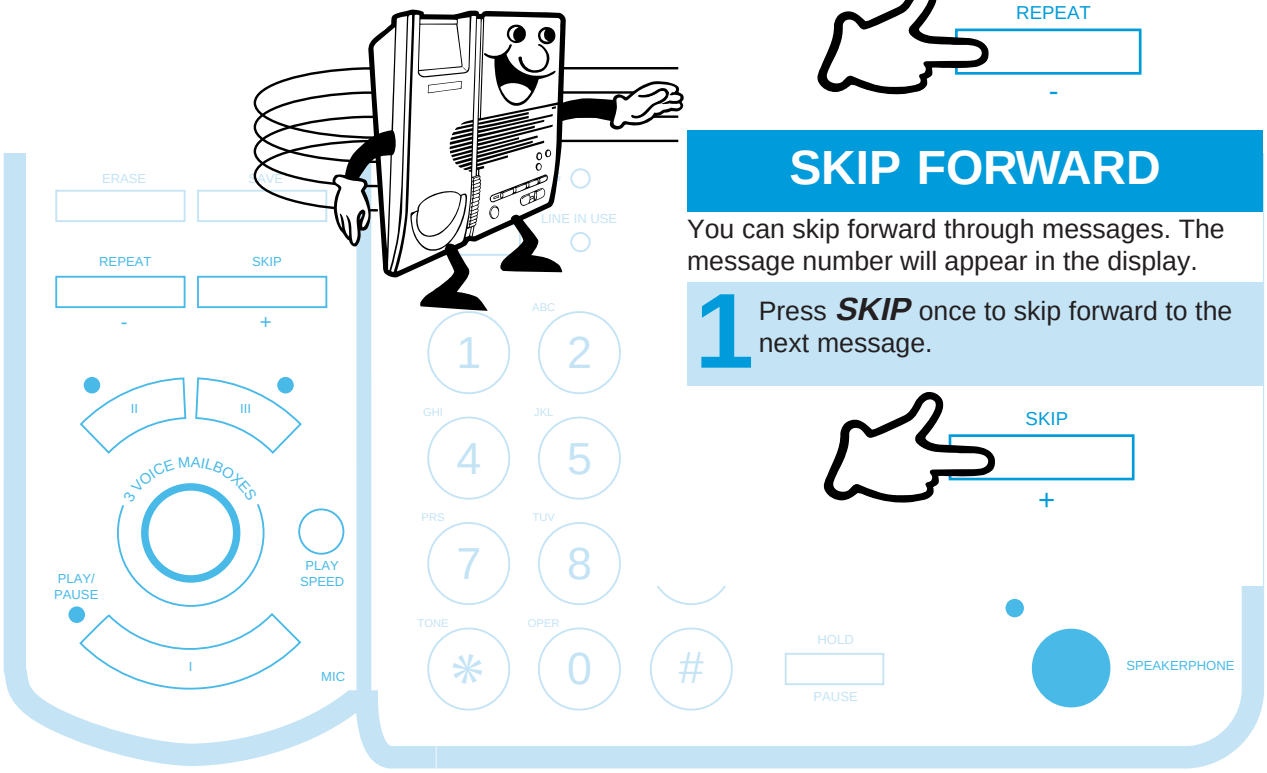
Skip backward message by message. The message number will appear in the display.

1 Press ***REPEAT*** twice to skip backward to previous messages. Press ***REPEAT*** each time you want to skip backward through a message.

SKIP FORWARD

You can skip forward through messages. The message number will appear in the display.

1 Press ***SKIP*** once to skip forward to the next message.



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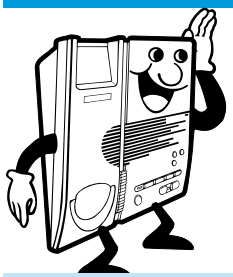
PLAYING MESSAGES

MESSAGE COUNTER

The TC-540's digital display shows the total number of messages received in all mailboxes.

CALL SCREENING



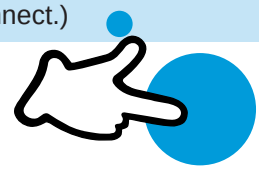
Call screening allows you to hear who is calling before you answer the phone.

1 The TC-540 will answer your call and play your outgoing messages through the speaker. You will then hear the caller through the speaker.

You have reached the Smiths...

Hi John, this is Bob...

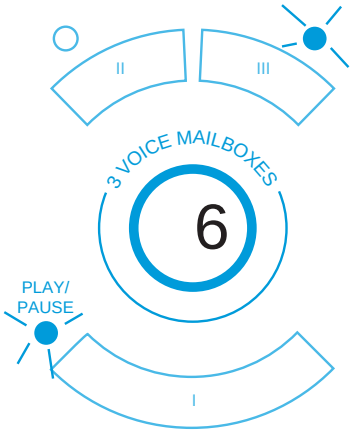
2 If you want to speak to your caller, pick up the handset, or press ***SPEAKERPHONE*** on the base, or pick up any extension phone connected to the same line as your TC-540. The TC-540 will automatically stop recording. (See page 5 for Auto Extension Disconnect.)



SPEAKERPHONE

PLAY MESSAGES

Each mailbox has a ***NEW MESSAGE INDICATOR*** that flashes when messages are received. The total message count for all mailboxes appears in the display.



1 Press ***MAILBOX 1***, ***2***, or ***3***. The number of messages will be announced for the activated mailbox.

You have four messages in MAILBOX 1.

OR

You have no messages in MAILBOX 1.

2 Messages are played in the order received. The time and day will be announced before each message, only if you set the time/day stamp (see page 8.) As messages play, the TC-540 displays the number of each message.

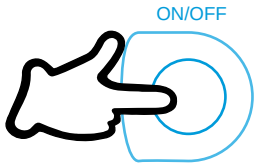
3 After the end of the last message you will hear:

End of messages in Mailbox 1.

ON/OFF, TIME & MESSAGE INDICATORS

ON/OFF

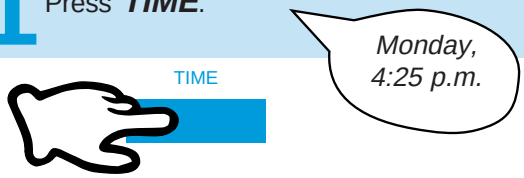
1 Press ***ON/OFF*** (under the handset) to turn the answering machine on and off. The speakerphone and ringer will operate with the unit on or off, but no messages will be recorded.



TALKING CLOCK

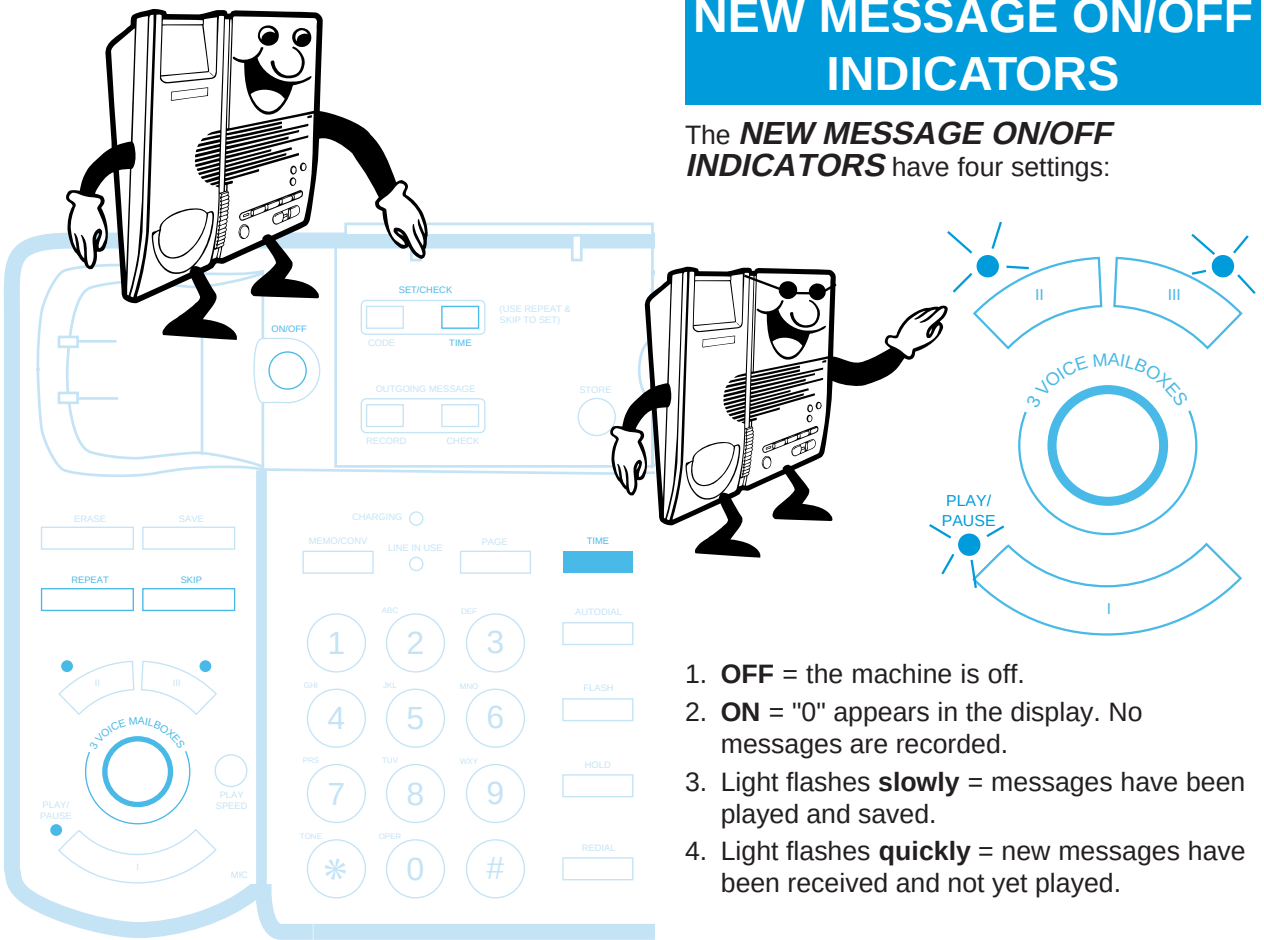
The TC-540 also functions as a clock. A synthesized voice will announce the time and day.

1 Press ***TIME***.



NEW MESSAGE ON/OFF INDICATORS

The ***NEW MESSAGE ON/OFF INDICATORS*** have four settings:



1. **OFF** = the machine is off.
2. **ON** = "0" appears in the display. No messages are recorded.
3. Light flashes **slowly** = messages have been played and saved.
4. Light flashes **quickly** = new messages have been received and not yet played.

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TIME & DAY STAMP

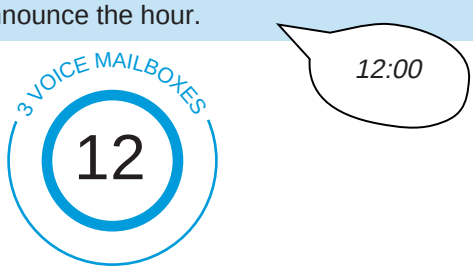
SET THE TIME/DAY

Set the current time and day. The TC-540 will stamp each message with the time and day.

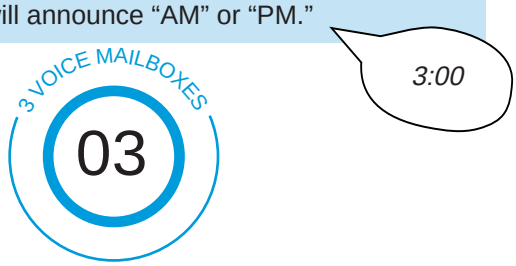
1 Lift the lid under the handset and press ***TIME SET/CHECK***. You will hear:

2 Press ***SKIP*** or ***REPEAT*** until the correct day is announced.

3 Press ***TIME SET/CHECK***. The hour will appear in the display. The TC-540 will announce the hour.



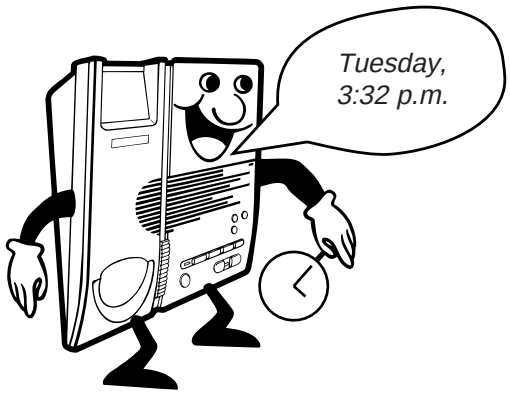
4 Press ***SKIP*** to advance or ***REPEAT*** to reverse the hour. The correct hour appears in the display. When the hour changes from 11:00 to 12:00 the TC-540 will announce “AM” or “PM.”



5 Press ***TIME SET/CHECK***. The minutes will appear in the display.

6 Press ***SKIP*** to advance or ***REPEAT*** to reverse the minute.

7 Press ***TIME SET/CHECK*** again to end. The day and time will be announced.

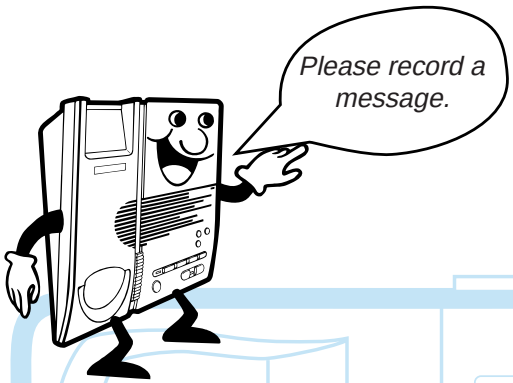


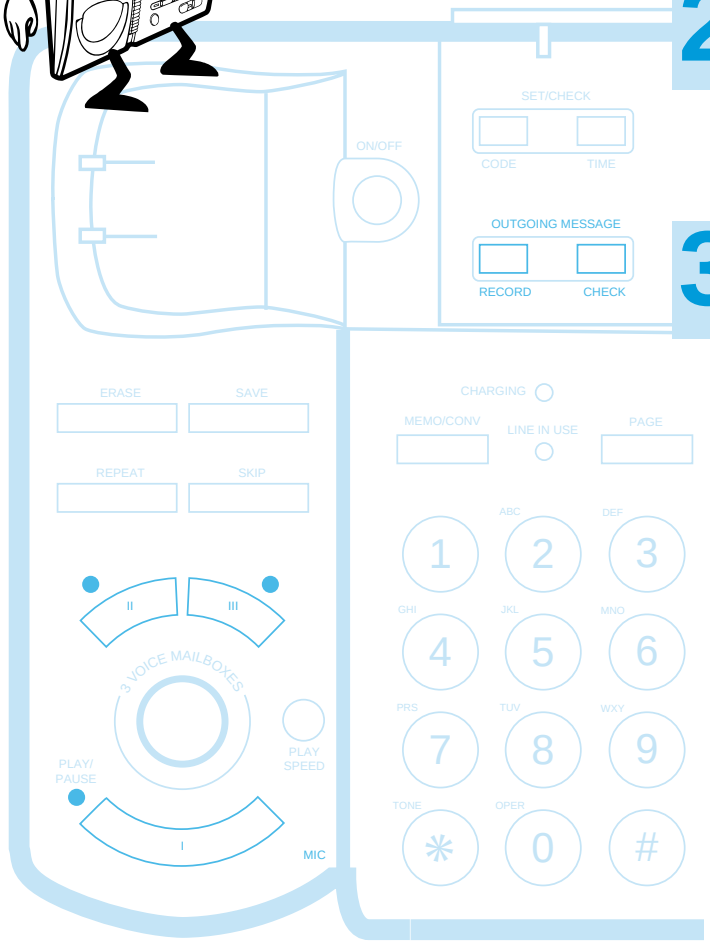
NOTE: If the time and day have not been set, all messages will be stamped with Sunday 12:00 am.

G MESSAGES

PRE-RECORDED OUTGOING MESSAGE

If you do not record an outgoing message for a specific mailbox or a power failure depletes the 9 volt battery, the TC-540 will answer calls with the following pre-recorded message:

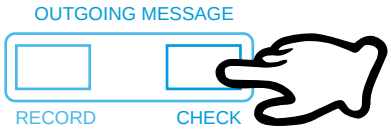




CHECK THE OUTGOING MESSAGES

You can listen to your outgoing messages anytime.

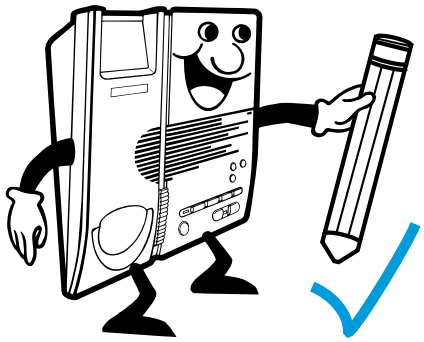
1 Lift the lid under the handset and press ***OUTGOING MESSAGE CHECK***.



2 The ***NEW MESSAGE INDICATORS*** will flash and you will hear:

Please select mailbox.

3 Press ***MAILBOX 1***, ***2***, or ***3***. The TC-540 will play the corresponding outgoing message.



MAILBOXES & OUTGOIN

MAILBOXES

The TC-540 features three individual mailboxes. Each of the three mailboxes has a ***NEW MESSAGE INDICATOR*** and an individual outgoing message which may be customized for business or personal use.

The TC-540 automatically answers calls with the outgoing message from ***MAILBOX 1***. To leave a message in another mailbox callers must press ✱ and the mailbox number ***2*** or ***3*** on a touchtone phone during or after the outgoing message. Callers may leave messages in more than one mailbox by pressing ✱ and a mailbox number (1, 2 or 3).

RECORD OUTGOING MESSAGES

The TC-540 has three outgoing messages, one for each mailbox. To use only one mailbox, record your outgoing message in MAILBOX 1. To use two or three mailboxes, instruct callers in outgoing message 1 (MAILBOX 1) to access other mailboxes. A sample outgoing message for MAILBOX 1 is as follows:

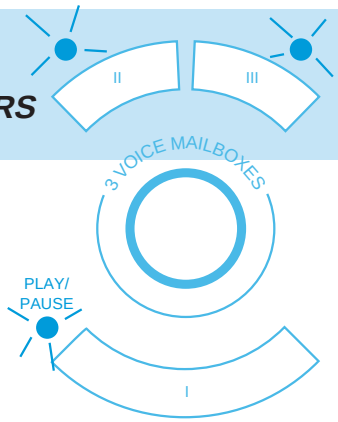
*Hello, you've reached the Newton's. Press ✱**2** for Newton's Tax Service. Press ✱**3** to leave a message for Beth Newton. Or leave a message after the tone.*

1 Be sure the digital display is lit or flashing.

2 Set the ***VOLUME CONTROL*** (located on the right side) at the midpoint. NOTE: The sound level is automatically adjusted when the outgoing message is played over the phone line.

3 Lift the lid under the handset and press ***OUTGOING MESSAGE RECORD***. You will hear:

4 The ***NEW MESSAGE INDICATORS*** will flash.



5 Press ***MAILBOX 1***, ***2***, or ***3***. You will hear a beep.

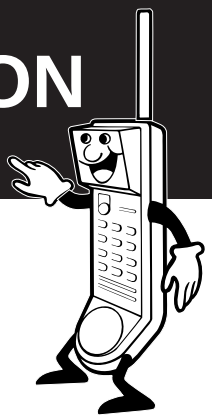
6 Begin speaking about 6-8" from the microphone.

7 After you finish speaking, press ***OUTGOING MESSAGE RECORD*** again. The TC-540 will play your outgoing message.

Hello, you have reached...

8 Repeat steps 1-7 to record outgoing messages for other mailboxes.

OPERATING INFORMATION



DIGITAL OUTGOING AND INCOMING MESSAGES
The outgoing and incoming messages are recorded on digital chips, which reduce mechanical components and increase reliability. The TC-540 allows 14 minutes total of outgoing and incoming message recording time. Install a 9 volt battery in the base unit to protect outgoing and incoming messages in case of a power failure. (See battery installation page 32.)

OUTGOING MESSAGE BYPASS
Frequent callers can skip your outgoing message when they call to leave a message. Instruct them to press # on their touchtone keypad any time after the TC-540 answers their call.

AUTO EXTENSION DISCONNECT
You can answer a call from any extension phone connected to the same line as the TC-540. Pick up any extension phone after the TC-540 has answered the call. The unit will automatically stop playing your outgoing message or recording a message. If it does not stop, briefly press and release the hook-switch on the extension phone.

LINE-IN-USE INDICATOR
A green indicator on the base unit lets you know if the phone line is being used. It illuminates when the cordless handset, the base unit speakerphone, or an extension phone connected to the same line is in use.

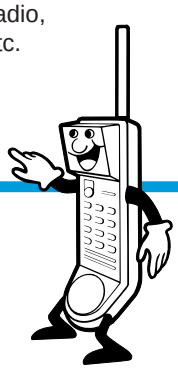
IMPORTANT CORDLESS TELEPHONE INFORMATION

Interference Information

Notice: This cordless telephone uses radio communications between the handset and the base unit, and may not ensure privacy of communication. Other devices including other cordless telephones may interfere with the operation of this cordless telephone or cause noise during operation. Cordless telephone equipment generates and receives radio waves and, if not installed and used properly, may pick up interference. To prevent interference:

Avoid locations such as heating appliances, electrical equipment (e.g., fluorescent lamp, TV, radio, refrigerator, computer), places subject to direct sunlight, excessive dust, moisture, vibration, etc.

Locate the base unit in a high place in the house (such as the second floor) in order to receive the most effective communication range. Fully extend the base unit antenna telephones must not cause interference to any licensed radio service.



WARNING

To prevent fire or shock hazard, do not expose the set to rain or moisture.
To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

CAUTION

1. Use batteries only intended for recharging. Use only the following battery pack: Nickel-Cadmium Rechargeable, 3.6 volts, 250-300 mAh.
2. Do not dispose of the battery(ies) in a fire. The cell may explode. Check with local codes for special disposal instructions.
3. Do not open or mutilate the battery(ies.) Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care when handling the battery(ies) in order not to short the battery(ies) with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.

Ni-Cd

CONTAINS: NICKEL-CADMIUM RECHARGEABLE BATTERY. MUST BE RECYCLED OR DISPOSED OF PROPERLY.

Charge the Handset Batteries Before Using the Cordless Telephone

The batteries lose their charge during shipping and storage. Be sure to charge the batteries before you use the TC-540 cordless telephone. Place the handset in the base unit. The CHARGING INDICATOR will light. Leave the handset in the base unit for 12-15 hours. (See page 20.)

Digital Security Code

The Digital Security Coding System automatically resets a new personal security code to one of over 256 combinations every time you return the TC-540 handset to the base unit. (Whenever the handset is returned to the base unit you will hear a beep.) The security code prevents unauthorized use of your telephone line, false rings and false dialing. (US. Patent No. 5,073,932)

Ultra Clear® Noise Reduction Circuit

The TC-540 is equipped with Ultra Clear Noise Reduction Circuitry (Compander Circuit). It reduces background noise—reception is superior to conventional cordless telephones.

25 Channels with Optimum Channel Memory (OCM™)

The TC-540 has 25 channels with Optimum Channel Memory. Optimum Channel Memory provides fast and clear channel selection. The scanning circuit scans all 25 channels in your neighborhood to find the best available channel. Once it finds the clear channels it selects and remembers the three best ones. When you press “Talk” to call out or receive a call, the unit automatically provides you with the best channel. Whenever you place the handset in the base unit for 2 seconds or more, the unit updates its memory. Press CHANNEL if you wish to change channels manually. (U.S. Patents 5,197,093 & 5,418,839)

H SETTINGS

5 Install a 9 volt (9V) battery in the bottom of the base unit to protect your outgoing and incoming messages, remote code and time/day setting. (See page 32.) If a 9-volt battery is installed and the battery power is low, "Lb" will flash in the display.

US Patents 5,400,393 & 5,289,529; Other Patents Pending

SWITCH SETTINGS

The TC-540 has three switches on the back of the unit and one on the side of the handset.

POWER SAVER/RINGER ON-OFF

The TC-540 is shipped with the ***HANDSET RINGER SWITCH*** set to off. When the ringer is off, the POWER SAVER is on and battery power is conserved. Turn the handset ringer on before use. The base unit ringer is always on.

RINGER ON - When the ringer is ON, the handset will ring when an incoming call or paging signal is received. The rechargeable batteries will last up to seven days in this mode (the Power Saver Switch is OFF.)

POWER SAVER (PWR SAVER) ON - When an incoming call or a paging signal is received the handset will not ring but, all other handset functions will operate. The rechargeable batteries will last up to 2 months in this mode (the ringer is OFF.)

RINGER VOLUME

Set the ***RINGER VOLUME SWITCH*** to control the telephone ringer volume.

HI = Loud
LO = Quiet
OFF = Ringer is turned off

OFF LO HI
RING VOL

RING SELECT

The answering machine is shipped with the Ring Select Switch set to 4 rings. Set the ***RING SELECT SWITCH*** to 2, 4, or TS to select the number of rings before the TC-540 answers.

TS 2 4
RINGS

2 = The TC-540 will answer on the **second** ring.
4 = The TC-540 will answer on the **fourth** ring.
TS = When calling to retrieve messages from a remote location, Tollsaver will help eliminate toll charges by letting you know if there are any new messages in the mailboxes before the TC-540 answers. When set to TS the TC-540 answers on:
Second ring = **NEW** messages
Fourth ring = **NO** new messages

NOTE: After you have retrieved messages, (from a remote location or at the machine) tollsaver will reset to answer on the fourth ring until a new message is recorded.

TONE/PULSE

This switch configures the TC-540 to dial out with either touchtone or pulse signals to match the service supplied by your local telephone company. The TC-540 is shipped with the ***TONE/PULSE SWITCH*** in the Pulse position. If you have touchtone service, set this switch to Tone.

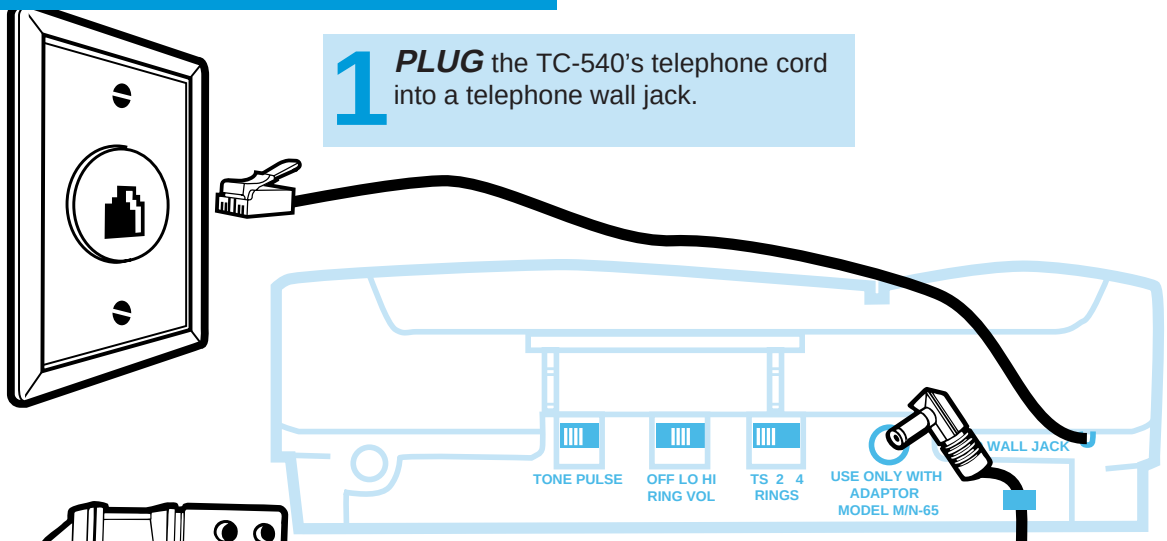
TONE PULSE

PULSE = for Rotary dialing or Pulse services
TONE = for Touchtone service

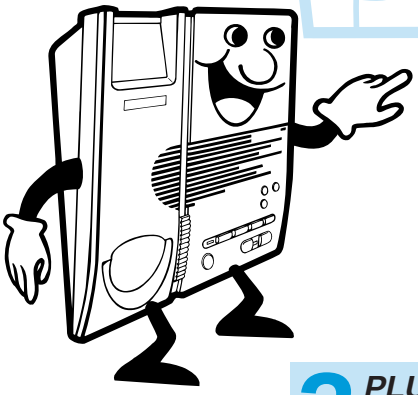
BASE
PAGE
2

INSTALLATION & SWITC

CONNECT YOUR TC-540

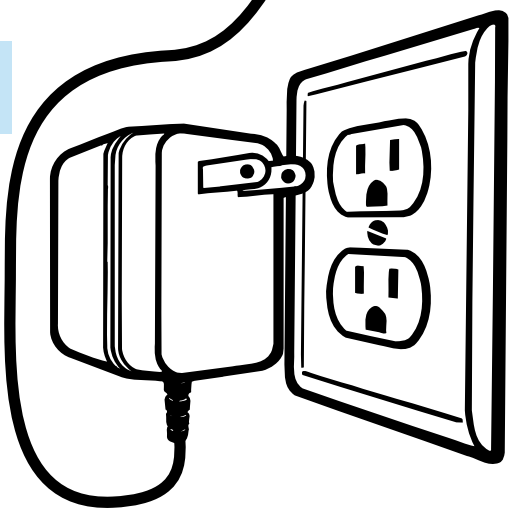


1 ***PLUG*** the TC-540's telephone cord into a telephone wall jack.



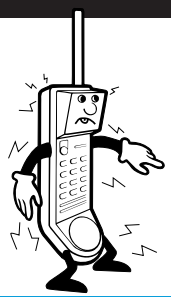
2 ***CONNECT*** the AC Adapter Plug into the AC Adapter Outlet on the back of the TC-540. ***LOOP*** the cord through the AC Adapter Cord Holder to prevent accidental disconnection.

3 ***PLUG*** the AC Adapter into an electrical wall outlet.



4 "PF" will flash in the display. The TC-540 is ready to record an outgoing message.

IMPORTANT SAFETY INSTRUCTIONS



INSTALLATION INSTRUCTIONS

1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation, to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in an enclosed environment unless proper ventilation is provided.
7. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.
8. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
9. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
10. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified serviceman when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect re-assembly can cause electric shock when the appliance is subsequently used.
11. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled into the product.
    C. If the product has been exposed to rain or water.
    D. If the product does not operate normally by following the operating instructions. Adjust only those controls, that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
    E. If the product has been dropped or the cabinet has been damaged.
    F. If the product exhibits a distinct change in performance.
12. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
13. Do not use the telephone to report a gas leak near the leak.

SAVE THESE INSTRUCTIONS